



RASACAST LC-13

Type of Product : Fire Clay Light Weight Castable

Physical Properties:

Raw material basis	Light weight fire clay
Max Service Temperature (°C)	1300
Bulk density after drying at 110°C (Kg/m ³)	1450 - 1550
Approximate amount of water required (%)	27 - 32
Grain size (mm)	0 - 5

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)	Linear Change (%)
After drying at 110 ° C	≥ 30	negligible
After heating at 1200° C	≥ 40	-0.2 to -0.8

Thermal Conductivity (KCal/m.h.°C):

@ 400°C	0.42 - 0.44
@ 1000°C	0.51 - 0.53

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
39 - 43	32 - 36	5 - 7	12 - 15

Packing 30 Kg Bags.

- All data subject to reasonable deviations, and therefore, should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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